

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	USSR (Kalinin Oblast)	REPORT NO.	
SUBJECT	Layout of Branch 1, NII 88, Gorodomlya Island	DATE DISTR.	12 August 1953
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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

25X1 1. The institute building is a one-and-one-half story structure, with the south wing containing an extra story over its center part. Built of red brick, it was partially erected before 1946, a small section was added in 1949, and the remainder was built in 1950-1951. The roofing is of tarred tin throughout. [] a sketch of the basement on which the following points are located:

1. Supply room for high frequency parts and electrical equipment.
2. Same as Point 1.
3. A battery room containing two 27-volt batteries of 400 amperes each, with the necessary wiring and fixtures.
4. Small supply room for chemicals and equipment.
5. A small furniture and cabinet-making shop.
6. Exit to outside with a sloping ramp, not larger than 1.5 m wide.
7. Injector jet laboratory.

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(Note: Washington Distribution Indicated by "X", Field Distribution by "#")

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8. Electrical workshop for the Bahnmodell, sector 4.
9. A large room for the water canal.
10. Small office connected to the water canal room, used for evaluating purposes. This office contained a cooling chamber producing temperatures down to -60 degrees Celsius, and the circulating pumps for the water canal.
11. Pneumatics laboratory.
12. Stairway from cellar floor to first floor.
13. Toilets.
14. Small office for the head of the chemical laboratory. It was used also as a weighing room for fine or accurate weights of substances.
15. Chemical laboratory which also contained office desks for the chemists.
16. Chemical laboratory where actual work and research were performed.
17. Stairway from basement. Beneath this stairway was a motor generator of 27 volts, 180 amperes.
18. Another small chemical laboratory, primarily for spectrum research.
- 19, 20. A two-room combustion chamber for missiles, the burner in one room, the controls in the other.
21. No information about this area.
22. Ozalid paper reproduction room.
23. Cutting room for ozalid reproductions.
24. Bookbinding room.
25. Room for making static tests.
26. Small room presumably housing the batteries for the central switchboard.
27. Small telephone workshop.
28. Office of the chief of the telephone system.
29. Central telephone switchboard.
30. Sleeping room for switchboard operators.
31. Telephone parts room.
32. Photograph laboratory.
33. Mechanical workshop for the wind tunnel.
34. Shop of the expert mechanic for wind tunnel models.
35. Stairway from the valve room to the small shop of the expert mechanic.

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36. Small dark room, simply outfitted.
37. Assembly and preparation room for instruments used on the wind tunnel.
38. Vestibule corridor from inner corridor to outside exit.
39. Stairway from basement to wind tunnel to first floor.
40. Toilet.
41. Exit to courtyard.
42. Valve room for the wind tunnel.
43. Basement under the air-pressure (compressed air) cylinders room.
44. Connecting corridor between the valve room and the compressor room.
45. Open air shaft with large window opening to courtyard. Compressors were brought in and out of the basement through this large window and the floorless shaft.
46. Compressor room, contains two compressors.
47. Corridor for the electro-chemical workshop area.
- 47a. Hardening room with several electric furnaces for small parts. Part of the electro-chemical complex.
48. Room for electrolytic processes, oxidizers, baths, etc.
49. Preparation and finishing room for parts treated or worked on in the electro-chemical workshop area.
50. A small room containing two motor generators; each of about two kw. Voltage unknown.
51. Exhaust room which siphoned off all the fumes and gases resulting from the various processes in the shop area.
52. Stairway leading to corridor on first floor.
53. Main exit stairway leading to main first floor exit at south side of institute.
54. Main corridor connecting the west, south, and east wings of the basement floor.
55. Underground connecting passage between the east and west wings of the basement.
56. South branch of the connecting underground passage, terminal unknown.
57. A stairway leading down perhaps one more story level from the basement to the underground chambers on the west side of the institute.
- 58 and 60. The two adjoining chambers to the air shaft.

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59. The air shaft.

61. Heating tunnel. [redacted] the institute
entrance to this tunnel.

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2. In the west wing, rooms 101, 102, 110, 111, 112, and 113 all begin at ground level. In the south wing, rooms 132 and 133 begin at ground level. In the east wing, room 146 begins at ground level. With the exception of rooms 150 and 156, the entire north wing begins at ground level. All rooms of the first floor, other than those noted in the exceptions above, have a floor level approximately 1.5 to 1.8 meters above the ground level. [redacted] a layout sketch of the first floor on which the following points are identified:

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101. High-frequency laboratory.
102. Measuring instruments laboratory.
103. Workshop for the Bahnmodell.
104. Workshop for the high-frequency laboratory.
105. Workshop of the mechanic of the measuring instruments laboratory.
106. Workshop for the Bahnmodell.
107. Winding room for electrical parts and instruments.
108. Office for the sector chief of sector 4, Bahnmodell sector.
109. Bahnmodell laboratory.
110. Toilet.
111. Office for high-frequency laboratory.
112. Toilet.
113. Small individual building which contained the compressor for the injector laboratory (room 7 in the basement floor).
114. Connecting corridor for the west, south, and east wings.
115. Stairway from basement to first floor.
116. Two toilets.
117. Small parts room for Bahnmodell parts.
118. Assembly and testing room for Bahnmodell amplifiers.
119. Office for sector 3, thermodynamics, or propulsion and engine sector.
120. Technical library with reading room which had about 10,000 books, approximately 15% German. There were 20-25 American technical books on high frequency and electronics.

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121. Stairway from basement to first floor. At halfway level, courtyard exit.
122. Office of the sector chief of sector three. This office was also frequently used by a Soviet technician and a woman who spoke excellent German. Their work was extremely secret and no one was ever permitted entrance to this office. They kept unusual hours and used this office for about three-fourths of one year (probably 1951).
123. Work room for Soviet workers of sector three.
124. German secretarial office.
125. The Soviet secret library with entrance permitted only to the Soviets.
126. Locked file room for the secret archives section.
127. Office of the interpreters.
128. Drafting room and calculating room for the aerodynamic sector, sector two.
129. Theoreticians' office for the aerodynamic sector.
130. Office of Professor PAUER, chief of the injector laboratory.
131. Room where interpretations, tests, and evaluations were conducted in reference to the experiments conducted in sector three.
132. Main entrance and vestibule of institute.
133. Main staircase; A guard was also stationed here to check passes.
134. The special doors in the south and east corridor, which were locked on special holidays when the entire institute was closed.
135. The office of the chief of the secret department.
136. The office of the Soviet secretaries.
137. The safe room in which were deposited each evening the work materials of both the Germans and the Soviets. Everything was put in suitcases, sealed, and deposited until the next morning.
138. Office where materials to be deposited in the safe room were signed in or out and where a registry was kept for secret documents. This office was constantly occupied with the exception of the special holidays, when the two special doors in the corridors were locked. During these holiday periods, an armed guard was posted before the locked corridor doors.
139. Room where reports and drawings and blueprints were handed out or received. The room was divided by a semi-glass wall from floor to ceiling.
140. Archive for blueprints and reports.

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- 141. Office of the Soviet sector chief of the wind tunnel sector, sector two.
- 142. Office for Soviet women calculators and statisticians.
- 143. Office of the German sector chief of the wind tunnel sector, Dr. ALBRING and Prof. FRIESER.
- 144. Measuring room of the wind tunnel.
- 145. The wind tunnel itself.
- 146. Compressed air cylinder room.
- 147. Small workshop set off with glass walls which contained two small lathes, shapers, crimpers, and grinder. This belonged to sector eleven under Eng. APEL.
- 148. The mechanics workshop. This large room contained the skilled German workmen and also Soviet workmen. [redacted] all Germans still remaining were transferred to this large workshop.
- 149. Tool crib room. This room was called "ZIS" by the Soviets.
- 150. Office of the head of sector eleven, Eng. APEL.
- 151. Small vestibule, guard post.
- 152 and 153. Large workshop containing lathes, shapers, planers, milling machines, and so forth.
- 154. Corridor.
- 155. A long workshop which included a sheet metal shop, acetylene and electrical welding shop, presses, hammers, and a supply room for semi-manufactured supplies.
- 156. Toilet.
- 157. Stairway from basement to corridor.
- 158. Jig, fixture, and die room.
- 159. Plant, or workshop engineering office.
- 160. Tool crib.
- 161. Office of SHUNDRIKOV, Soviet sector chief for sector eleven.
- 162. An experimental and measuring room for wind tunnel three-component balances.
- 163. Large vestibule with an exit to the exterior of the
- 164. Stairway leading to second floor.
- 165. Entrance to the courtyard.

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25X1 3. [redacted] a layout sketch of the second floor on which the following are located:

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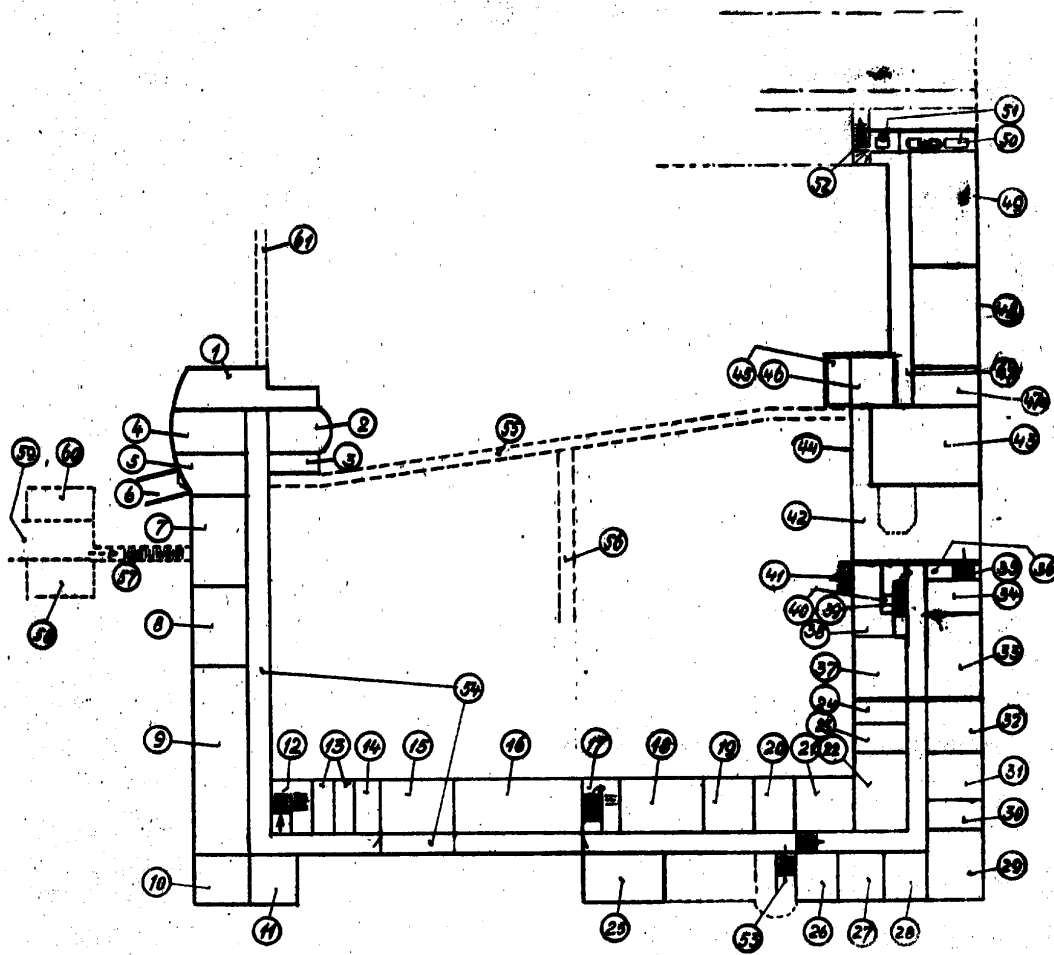
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201. Office of the Soviet women blueprint copyists.
202. Large area used as the drafting room, under Dipl. Eng BLASS, sector five.
203. Office of the head of the German technical group on the island, last headed by Dr. WOLFF.
204. Office of KISELEV, Soviet technical head of departments of the institute.
205. The office of the Soviet planning bureau.
206. Workroom for the ballisticians, Dr. REICHARDT, and also Werner MUELLER.
- 206a. Toilet.
207. Another ballistics office under Dr. SCHULZ.
208. Office of VASSILYEV, chief engineer of the entire institute complex concerning technical activity. He was superior to KISELEV. This room was accessible only thru room 209.
209. Waiting room and office of secretary to VASSILYEV.
210. Balcony.
211. Large waiting room.
212. Main stairway.
213. The large general engineering and construction laboratory (sector 9) under JAFFKE.
214. Balcony.
215. Soviet calculating and computing room for materials, production, norms, time, and quotas.

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BASEMENT FLOOR PLAN

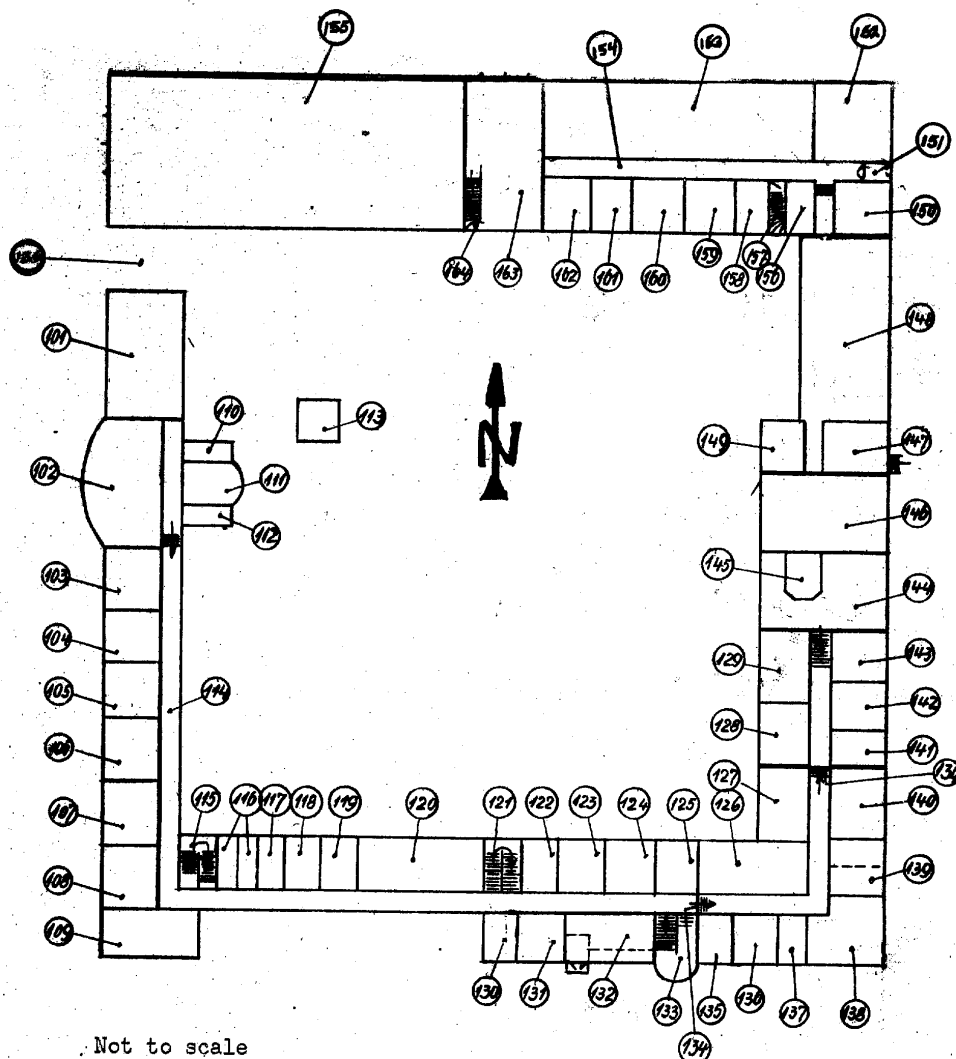
Basement NII 88 Branch 1

Not to scale

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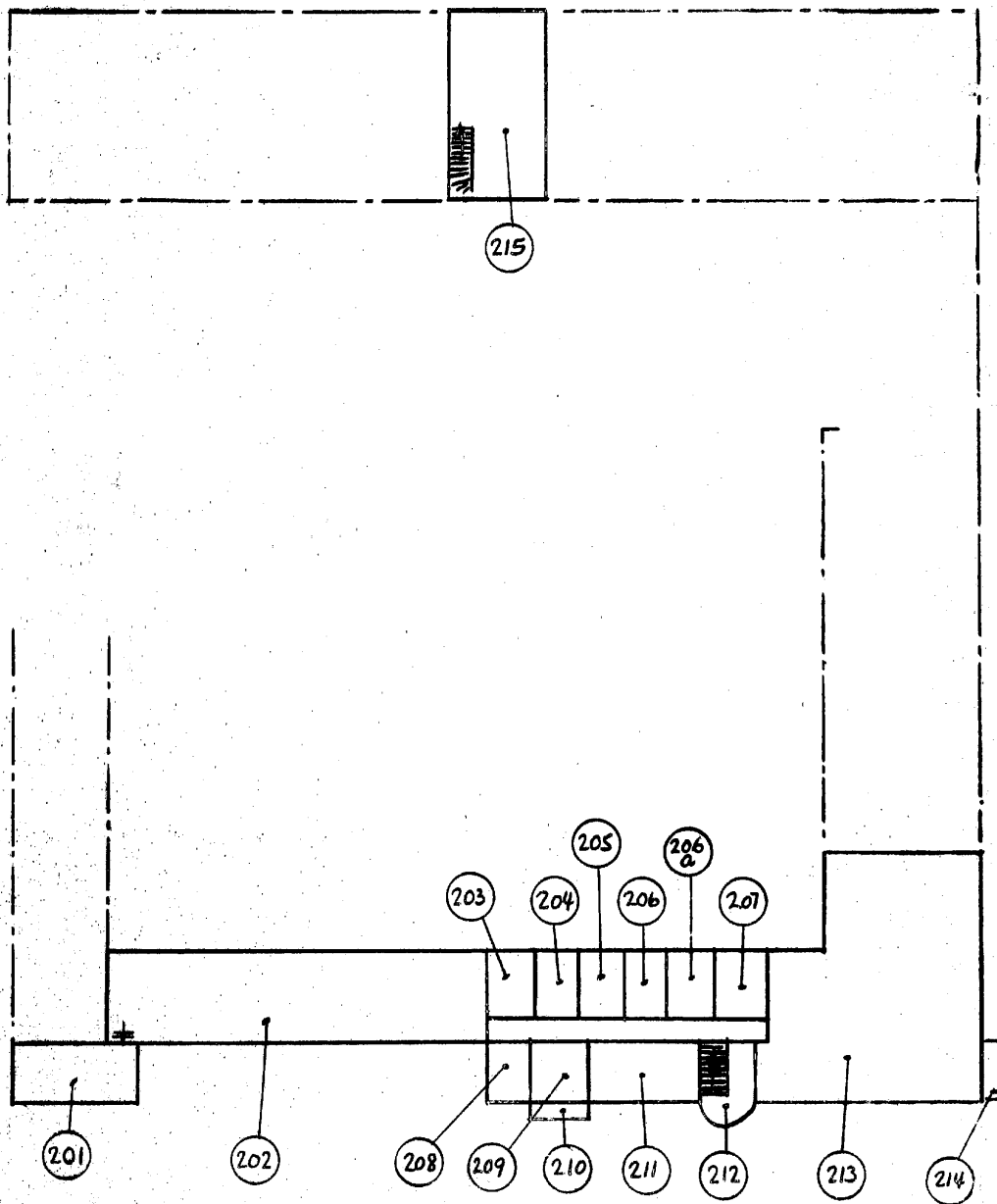
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Not to scale

Second Floor NII 88 Branch 1

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